Accurist

EST. 1946

LONDON

CONTENTS

HOW TO USE THESE INSTRUCTIONS

This booklet contains setting instructions for the Accurist Quartz Chronograph series of watches. Each section describes a particular calibre (also called watch movement) which offers a unique set of functions and features.
As such, it is necessary to identify the correct calibre of your watch before proceeding to the appropriate section (see diagram opposite).

FURTHER INFORMATION

The latest setting instructions, technical manuals and interactive instructions are available from our website at www.accurist.co.uk
When on the website please click on the service area for more information.

The Accurist technical helpline is also available during office hours:
+44 (0)20 7447 3945 or email service@accurist.co.uk

MB 119 —————— Model Number
CAL 8N24 —————— Calibre Number
SR927W —————— Battery Number
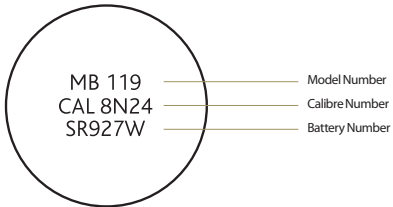
CARE OF YOUR WATCH

Avoid temperature extremes

1. Avoid leaving your watch in direct sunlight or in extremely warm conditions for long periods of time: this will cause malfunctioning and shorten the life of the battery.

2. Do not leave your watch for long periods of time in extremely cold places; this may cause your watch to gain or lose time. Should it begin to gain or lose time, place your watch on your wrist to restore it to its normal working temperature.

Avoid wet conditions

1. Do not operate the buttons when your watch is wet, even on models marked 'Water Resistant'.

2. Check caseback markings and refer to the Resistance to water section.

Avoid strong shocks

1. This watch will withstand the bumps and jars normally incurred during sports activities.

2. Avoid dropping your watch on the ground or otherwise imparting severe shock to it.

Avoid strong magnetic fields

1. Keep your watch away from strong magnets.

2. Generally, your watch is not affected by magnetic fields from household appliances such as television sets and stereo equipment.

Care Of Your Watch

Avoid harmful chemicals, solvents & gases

1. Avoid wearing your watch in the presence of strong chemicals, solvents or gases.

2. Avoid materials such as gasoline, benzene, paint thinner, alcohol, spray cosmetics, nail polish, nail polish remover, adhesives or paint.

Periodic inspection

1. A regular 4 to 5 years service by an authorised Accurist technician will ensure trouble free operation.

2. Refer to the After Sales Service section for details.

IMPORTANT
1. Keep the batteries out of reach of infants and small children. Should accidental ingestion occur consult a doctor immediately.
2. Do not attempt to replace the battery yourself as this invalidates your guarantee.

Keep your watch clean
Wipe off any moisture that adheres to the case, glass or band with a soft, clean cloth.

IMPORTANT

1. Keep the batteries out of reach of infants and small children. Should accidental ingestion occur consult a doctor immediately.

2. Do not attempt to replace the battery yourself as this invalidates your guarantee.

Keep your watch clean

Wipe off any moisture that adheres to the case, glass or band with a soft, clean cloth.

WEEE DIRECTIVE

The crossed-out wheeled bin indicates that used electrical and electronic equipment should not be mixed with general domestic waste. There is a separate collection point for these products.

The objectives of the Community's environment policy are, in particular, to preserve, protect and improve the quality of the environment, protect human health and utilise natural resources prudently and rationally.

Non EU Countries

If you wish to discard this product, please contact your local authorities and ask for the correct method of disposal. Otherwise please return to Accurist headquarters, who will see to the products disposal.

Disposal information for business users EU Countries

Please contact your Accurist dealer who will inform you about the 'take back' of products.

BRACELET ADJUSTMENT

The bracelet requires a small adjustment and the model has a Z-type clasp.

1. Depress the end of the spring bar on the centre clasp with a pin.

2. Relocate the spring bar in an alternative hole.

Bracelet Adjustment

The bracelet requires a significant adjustment or the model does not have a Z-type clasp.

1. Use the enclosed wrist gauge to measure and mark the size of your wrist.

2. Return the completed wrist gauge with your watch.

3. Follow the instructions in the After Sales Service section to return your watch for adjustment. Your watch will be adjusted free of charge.

Using the Slide Rule Bezel

For further information on the slide rule bezel please visit
www.accurist.co.uk and follow the service link.

INTERNATIONAL SERVICE AGENTS

International Service Headquarters
AWL,
Asher House, Blackburn Road,
West Hampstead,
London, NW6 1AW

Tel: +44 (0)20 7447 3945
Fax: +44 (0)20 7447 3946

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Maxi Quartz Ltd,
311-313 Zabbar Road,
Fgura, Malta

Tel: 00356 21806661,
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Sabre Nederland B.V.,
Ellermanstraat 23,
1099 BX Amsterdam,
The Netherlands

Tel: 0031 20 692 8888,
Fax: 0031 20 665 2184

Kingdom of Saudi Arabia
Al Asasyah, Sitteen Street,
P.O. Box 19248 - 19249,
Jeddah 21435

Tel: 00966 261 92035,
Fax: 00966 676 2262

Cyprus

Timeworx Ltd, 45
Andrea Demetriou St,
Nicosia 2024, Cyprus

Tel: 00357 22441328,
Fax: 00357 22441329

USA

Parsec Enterprises Inc, 7501
N.Harker Drive, Peoria , IL, 61615

Tel: 1 800 359 2508

RESISTANCE TO WATER

Indications on dial or caseback		Light spray, Perspiration, Light rain, etc.	Swimming, etc.
Dial	Caseback		
-	Water resistant	Ok	X
Water resistant 50M (5 ATM)	Water resistant	Ok	Ok
Water resistant 100M (10 ATM)	Water resistant	Ok	Ok
Water resistant 150M (15 ATM) and deeper	Water resistant	Ok	Ok

Resistance To Water

IMPORTANT - Never pull out the crown when the watch is wet.

- Tighten screwlock crown completely.
- Water resistance is not a permanent property. We strongly recommend you return your watch for resealing every 4 - 5 years and/or when changing batteries.
- "Water resistant" may sometimes be abbreviated as "Water resist" or "WR".
- Never pull out the crown when the watch is wet.
- Always set the crown in the normal position.

ACCURIST GUARANTEE

The terms of this guarantee provide rights that are in addition to your statutory rights and do not in any way limit or otherwise affect those statutory rights.

Your Accurist watch is guaranteed for 1 year from the date of original retail purchase against any malfunction of the watch movement due to defective materials or workmanship and extended to 3 years once registered at www.accurist.co.uk/registration. This guarantee is applicable only to watches purchased in the United Kingdom. This guarantee does not cover the following: Breakages caused from maltreatment, mishandling or accident; Water damage unless marked water resistant (5ATM or above); batteries; the replacement or repair of bracelets and leather watch straps. To make a claim under the guarantee please return your watch along with your proof of purchase directly to the International Service Headquarters at the address set out on page 17 or an International Service Agent.

AFTER SALES SERVICE

Each Accurist watch comes with a lifetime commitment to quality after sales service. Our award winning customer service team are dedicated to providing expert servicing from bracelet adjustments to full overhaul. We pride ourselves in identifying our customer's requirements and reacting to their individual needs. An expert watchmaker personally services each watch and Accurist guarantees quality at every step of the process.

PAYMENT & POSTAGE INSTRUCTIONS

1. Complete the payment details form on last page.

2. Return the watch and payment details form together with this guarantee to the Accurist Service Centre address listed on page 17.

3. Enclose a cheque, postal order or MasterCard/Visa payment for £10.00 payable to Accurist Service Centre. This charge covers handling, return packing, postage via mail and insurance for loss or damage whilst being returned or undergoing repairs.

No liability for loss or damage will be accepted without this remittance.

4. Please do not return your presentation box as we cannot guarantee its return.

Ceramic special Care Instructions (ceramic watches only)

Every care has been taken in the manufacture of this ceramic watch but due to the nature of the material used extra care should be taken.

The ceramic although scratchproof is not shatterproof therefore care must be taken to <u>avoid dropping</u> or <u>knocking</u> the watch against a hard surface.

We would therefore recommend storing the watch in its watch box or suitable storage box when not being worn. To clean just use a clean damp lint free cloth do not use any cleaning agents as these may affect the look and lustre of the ceramic.

/ HOW TO OPERATE YOUR WATCH

CP00 Operating Instructions (Multi Function)

Top Left (TL)

UTC Dial

Top Right (TR)

24 Hour Indicator Dial

Main Digital Display

Bottom Left (BL)

Bottom Right (BR)

Mode Indicator dial
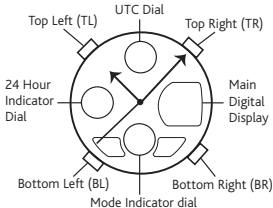
KEY TO DIAGRAM

UTC dial - shows universal coordinated time (UTC) in 24 hour format. UTC (or GMT) is the standard from which all time zones are calculated.

24 hour dial - shows main hand time in 24 hour format. This can be used to determine the correct a.m. and p.m settings.

Mode indicator dial - shows main hand time in 24 hour format. This can be used to determine the correct a.m and p.m. settings.

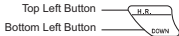**Mode indicator dial** - shows the mode that the watch is in - TME (time), CAL (calendar), AL-1, 2 or 3 (alarm 1, 2 or 3), CHR (chronograph), TMR (timer), SET (set).

Main digital display - shows the digital time, calendar, alarms, chronograph or timer depending on which mode chosen.

Button indicator displays - indicates the function of each button at any moment.
(see diagram on next page).

To set the time:

1. Push the bottom right hand button until the mode hand indicator points to TME.

2. Press and hold the upper left button for three seconds. The hour and minute hand will retract to the 12 O'clock position.

3. Select the time zone on the digital display by pressing the upper right button or the lower left button.

4. Pull the bottom right button out one click. The bottom part of the digital display will start flashing. Press the bottom left button to adjust for daylight saving time.

5. Press the upper right button. You will see the seconds flashing on the lower half of the digital display. Press the lower left button to reset the seconds to 00.

Top Left Button — H.R.
Bottom Left Button — DOWN

UP
MODE — Top Right Button
— Bottom Right Button

To set the time zone

1. Setting the time zones allows you to add or remove cities on the digital display or switch between daylight saving and standard time. Begin by pressing the lower right button to move the mode hand indicator to SET mode on the bottom dial.

2. If the hour or minute hands are obscuring the digital display, press and hold the upper left button for three seconds. This will cause the hour and minute hand to retract to the 12 O'clock position.

3. Now pull the lower right button out one click. You will see the digital display flashing. Press the upper left button to select SET to display the city or OFF to not display the city. Press the lower left button to turn summer time on or off. Summer time is indicated on the lower part of the digital display. Daylight savings time must be manually set for each city.

4. Pressing the upper right button will allow you to scroll through all the cities. After setting, push the lower right button back in.

Troubleshooting

The analogue hands block the digital display.
1. Press and hold the upper left button for three seconds. The hour and minute hand will retract to the 12 O'clock position allowing a clear view of the digital display.
2. Press the upper left button to return the analogue hands to the previous position.

The analogue time does not match the digital time for the selected zone.
1. Push the bottom right hand button until the mode indicator hand points to TME.
2. Select the time zone on the digital display by pressing the upper right button or the lower left button.
3. Press the upper right and lower left buttons simultaneously and release. The hour and minute hand will go to the time zone shown on the digital display. At this point the digital display may go to UTC or another time zone. Press the upper right or lower left button to scroll to the time zone you just set the analogue hands to.

To set the time zone

1. Setting the time zones allows you to add or remove cities on the digital display or switch between daylight saving and standard time. Begin by pressing the lower right button to move the mode hand indicator to SET mode on the bottom dial.

2. If the hour or minute hands are obscuring the digital display, press and hold the upper left button for three seconds. This will cause the hour and minute hand to retract to the 12 O'clock position.

3. Now pull the lower right button out one click. You will see the digital display flashing. Press the upper left button to select SET to display the city or OFF to not display the city. Press the lower left button to turn summer time on or off. Summer time is indicated on the lower part of the digital display. Daylight savings time must be manually set for each city.

4. Pressing the upper right button will allow you to scroll through all the cities. After setting, push the lower right button back in.

Troubleshooting

The analogue hands block the digital display.
1. Press and hold the upper left button for three seconds. The hour and minute will retract to the 12 O'clock position allowing a clear view of the digital display.
2. Press the upper left button to return the analogue hands to the previous position.

The analogue time does not match the digital time for the selected zone.
1. Push the bottom right hand button until the mode indicator hand points to TME.
2. Select the time zone on the digital display by pressing the upper right button or the lower left button.
3. Press the upper right and lower left buttons simultaneously and release. The hour and minute hand will go to the time zone shown on the digital display. At this point the digital display may go to UTC or another time zone. Press the upper right or lower left button to scroll to the time zone you just set the analogue hands to.

Troubleshooting continued . . .

The analogue hands are not precisely synchronised with the digital time.
1. Press the lower right button to move the mode indicator hand to CHR.
2. Pull the lower right button out one click. The hour, minute and UTC hands will retract towards the straight up 12 O'clock position. You will see UTC on the top half of the digital display.
3. Press the upper right button to advance the hands to the straight up 24-hour position. Use the lower left button to go in reverse.

4. Press the upper left button. You will see HR on the top half of the digital display. Press the upper right button to advance the hour and 24-hour hand clockwise until they both point straight up at the 24-hour position. Use the lower left button to move the hand anti-clockwise until it is pointing straight up at the 12 O'clock position.

5. Press the upper left button. You will see MIN on the top half of the digital display. Press the upper right button to advance the minute hand clockwise or the lower left button to move anti-clockwise until it is pointing straight up at the 12 O'clock position.

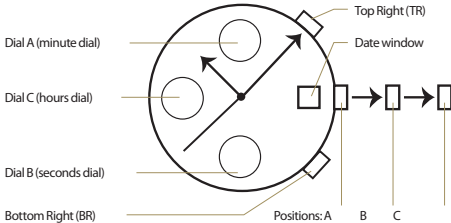**6.** Push the lower right button back in one click.

Troubleshooting continued . . .

The watch malfunctions in some way and the above procedures do not work.

1. Press the lower right button until the mode indicator hand points to TME.

2. Pull the lower right button out one click. Press the other three buttons down simultaneously for three seconds and release. You will see 8's on the digital display.

3. Press the upper left button. You will see UTC on the top half of the digital display. Press the upper right button to advance the hands of the top dial to the straight up 24-hour position. Use the lower left button to go in reverse.

4. Press the upper left button. You will see HR on the top half of the digital display. Press the upper right button to advance the hour and 24-hour hand clockwise until they both point straight up at the 24-hour position. Use the lower left button to move the hand anti-clockwise.

5. Press the upper left button. You will see MIN on the top half of the digital display. Press the upper right button to advance the minute hand clockwise or the lower left button to move anti-clockwise until it is pointing straight up at the 12 O'clock position.

6. Push the lower right button back in one click.

Top Right (TR)

Dial A (minute dial)

Date window

Dial C (hours dial)

Dial B (seconds dial)

Bottom Right (BR)

Positions: A   B   C

To set the time:

1. Gently pull out crown to position C.
2. Turn crown either way to correct time.
3. Push in crown to position A.

To set the date:

1. Gently pull out crown to position B.
2. Turn crown anti-clockwise to adjust date.
3. Push in crown to position A.

Using the chronograph:

1. Press BR Button to put the watch in chronograph mode. Making sure all sub dials are zeroed. If not, refer to 'Chronograph Zero Reset'.

2. Press TR Button to start and stop the chronograph.

3. Press BR Button to reset the chronograph.

4. When you have finished with the chronograph function, press BR Button again; this re-starts the small second hand on Dial B.

Note: After 30 seconds the Second hand on Dial B will stop at the zero position, however, the time is still continuing to be measured in seconds and when TR Button is pressed to stop the timing, the second hands will automatically move to show the time.

Chronograph zero set:

This procedure is only necessary when the battery is replaced, or when the Chronograph hands do not return to the '0' position, when the Chronograph mode is selected.

1. Gently pull out crown to position C.

2. Push TR Button to advance the sweep second hand to the 12 0'clock position. Please note each push of the TR Button will advance the hand 1 second. Alternatively, depress and hold the Button for 2 seconds and the hand advances continuously.

3. Push BR Button; this automatically re-sets sub dials. Each subsequent push will advance the Second hand on sub dials by 1 marking. Alternatively, depress and hold Button for 2 seconds; the hand will advance continuously until released.

4. Push in crown to Position A.

0S90 OPERATING INSTRUCTIONS (CHRONOGRAPH)

Chronograph second hand
(Chronograph minute hand)

Chronograph 1/100
second hand

Hour hand

24 hour hand

Small second hand

Button A

Calendar

2nd position

1st position

Normal crown position

Button B
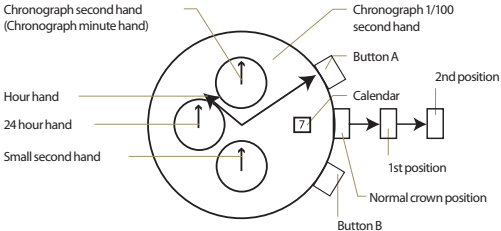
0S90 Operating Instructions (Chronograph)

To set the time:

1. Pull the crown out to the 2nd position.

2. Turn the crown to set hour and minute hands.

3. When the crown is pushed back to the normal position, small second hand begins to run.

To set the date:

1. Pull the crown out to the 1st position.

2. Turn the crown counter-clockwise to set the date.
*If the date is set between the hours of around 9:00 PM and 1:00 AM, the date may not change on the following day.

3. After the date has been set, push the crown back to the normal position.

Using the chronograph:

The chronograph is able to measure and display time in 1/100 second united up to maximum of 59 minutes 59 seconds.

- The chronograph 1/100 second hand moves for 61 seconds after measurement is started, after which time it will stop at 0 position. After that time, it then changes to demonstration operation, making one revolution every minute.

To start the chronograph:

- Press button A.
- The small second hand will advance to the zero position at the same time the chronograph starts, and then begin to run as the chronograph second hand. After 1 minute and 1 second after the chronograph has been started.
- The chronograph second hand will change over to running as the chronograph minute hand.

To stop the chronograph:

- Press button A.
- When the measured time is less than 61 seconds, the chronograph minute, second and 1/100 second hands will stop at the measured time.
- When the measured time is over 61 seconds, the chronograph minute and second hands will stop at measured time. The chronograph 1/100 second hand will remain stopped at the zero position. Read the seconds and minutes from the chronograph at this time. Next, press button A again to advance the chronograph 1/100 second hand to the measured time. Read the time in 1/100 seconds from the chronograph at this time.
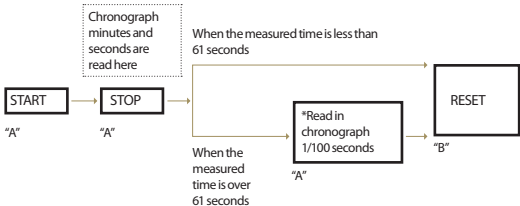
To reset the chronograph:

- Press button B.
- The chronograph second hand will change over to running as the second hand for current time. The other chronograph hands are returned to the zero position.

Standard measurement.


```
Chronograph
minutes and
seconds are
read here

                    When the measured time is less than
                    61 seconds

START  →  STOP  →                              →  RESET

"A"       "A"           *Read in
                        chronograph      "B"
                        1/100 seconds
              When the
              measured        "A"
              time is over
              61 seconds
```

Standard measurement.

When the measured time is less than 61 seconds

START → STOP

"A"   "A"

Chronograph minutes and seconds are read here

*Read in chronograph 1/100 seconds

"A"

When the measured time is over 61 seconds

RESTART

"A"

STOP

"A"

RESET

"B"

Can be operated repeatedly
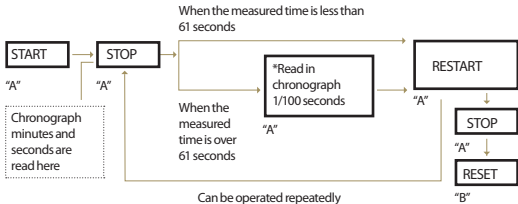
Chronograph reset (incl. after replacing battery):

This procedure should be performed when the chronograph 1/100 second hand and the chronograph second hand do not return to zero position after the chronograph has been reset, and including after the battery has been replaced.

1. Pull the crown out to the 2nd position.

2. Press button "A" to set the chronograph 1/100 second hand to zero position.

3. Press button "B" to set the chronograph second hand at 6 o'clock to zero position. The chronograph hands can be advanced rapidly by continuously pressing button "A" or "B".

4. Once the hands have been zeroed, return the crown to the normal position.

* Do not push the crown to the normal position while the chronograph 1/100 second hand and the chronograph second hand return to zero position. Each hand stops on the way when crown is returned to the normal position and these positions are recognised as zero position.

Chronograph 30 minute counterhand

Top Right TR

24 hour dial

Chronograph 60 seconds counterhand

Position A

Position B

Bottom Right BR
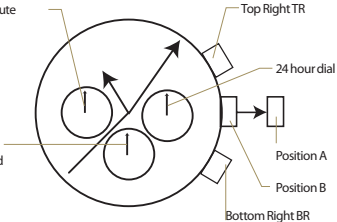
To set the time:

1. Gently pull out the crown to position B.
2. Turn the crown either way to correct time.
3. Push in crown to position A.

For timing events up to 30 minutes

1. To start chronograph press button TR.
2. To stop chronograph press button TR.
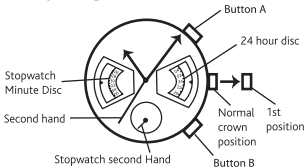3. To return hand to zero position press button BR.

Chronograph zero set:

This procedure is only necessary when the battery is replaced, or when the chronograph hands do not return to the 12 o'clock position.

1. Gently pull out the crown to position B.

2. Push TR button which will advance the 60 second counterhand to the 12 o'clock position. Please note each push of the TR button will advance the 60 second counterhand 1 second. Alternatively depress and hold the button and the hands advance continuously.

3. When hands are aligned to 12 o'clock position push in crown to position A.

Cal. JS24 Operating Instructions

Button A

24 hour disc

Stopwatch
Minute Disc

Second hand

Normal
crown
position

1st
position

Stopwatch second Hand

Button B

JS24

Setting the day and time:
1. Pull the crown out to the 1st Click Position.
2. Turn the crown to set hour and minute hands.
3. When the crown is pushed back to the normal position in synchronization with a time signal, second hand begins to run.
Using the stopwatch:
This stopwatch is able to measure and display time in 1 second intervals up to a maximum of 29min 59sec.
The Stopwatch will stop automatically after running continuously for 30 minutes.
Measuring time with the stopwatch
1. Press button "A" to start the stopwatch.
2. The stopwatch can be started and stopped each time button "A" is pressed.
3. Pressing button "B" resets the stopwatch and stopwatch minute and second hands return to their ZERO positions.
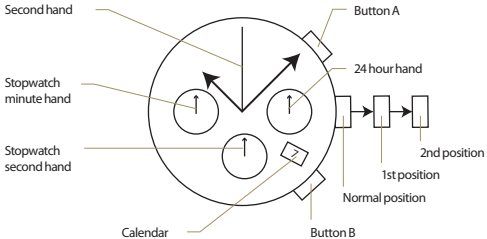* Button A / B does not function during resetting the stopwatch.

Stopwatch reset

This procedure should be performed when the stopwatch second hand does not return to the ZERO second position after the stopwatch has been reset, and including after the battery has been replaced.

1. Pull the crown out to the 1st Click Position.

2. Press button "A" to set the stop watch second hand to the ZERO position.

*The stopwatch minute hand is syncronized with stopwatch second hand.

*The stop watch second hand can be advanced rapidly by continuously pressing button "A".

3. Once the hands have been zeroed, reset the time and return the crown to its normal position.

JS25 / JS15 / JS05 OPERATING INSTRUCTIONS (CHRONOGRAPH)

Second hand

Button A

Stopwatch minute hand

24 hour hand

Stopwatch second hand

2nd position

1st position

Normal position

Calendar

Button B

JS15

Stopwatch minute hand

24 hour hand

Calendar

7
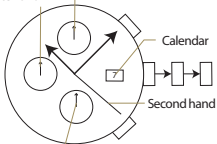
Second hand

Stopwatch second hand

JS05

Stopwatch minute hand

Second hand

24 hour hand

7
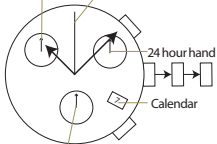
Calendar

Stopwatch second hand

Setting the time:

1. Pull the crown out to the 2nd Click Position.

2. Turn the crown to set hour and minute hands.

3. After the time has been set, push the crown back to the Normal position.

Setting the date

1. Pull the crown out to the 1st Click Position.

2. Turn the crown clockwise to set the date.

* If the date is set between the hours of around 9:00 PM and 1:00 AM, the date may not change on the following day.

3. After the date has been set, push the crown back to the Normal position.

Measuring time with the stopwatch:

1. Press button "A" to start the stopwatch.

2. The stopwatch can be started and stopped each time button "A" is pressed.

3. Pressing button "B" resets the stopwatch and stopwatch minute and second hands return to their ZERO positions.

* Button A / B does not function during resetting the stopwatch.

```
                                              "A"
    ┌─────────┐      ┌──────────────────┐  ◄──────  ┌──────┐
    │  RESET  │ ───► │ TIME MEASUREMENT │           │ STOP │
    └─────────┘      └──────────────────┘  ──────►  └──────┘
        ▲                                   "A"  "B"
       "A"                                  "A"
```

Stopwatch reset (incl. after replacing battery)

This procedure should be performed when the stopwatch second hand does not return to the ZERO second position after the stopwatch has been reset, and including after the battery has been replaced.

Second hand

Button A

Hour hand

Minute hand

Stopwatch
second hand

1st click position

Normal position

Stopwatch
minute hand

24 hour hand

Button B

Setting the time:

1. Pull the crown out to the 1st Click Position.

2. Turn the crown to set hour and minute hands.

3. When the crown is pushed back to the normal position in synchronisation with a time signal, second hand begins to run.

Using the stopwatch

This stopwatch is able to measure and display time in 1 second units up to maximum of 29 min 59 sec.

The stopwatch will stop automatically after running continuously for 30 minutes.

1. Pull the crown out to the 1st Click Position.

2. Press button "A" to set the stop watch second hand to the ZERO position.

*The stopwatch minute hand is synchronised with stopwatch second hand.

*The stopwatch second hand can be advanced rapidly by continuously pressing button "A"

3. Once the hands have been zeroed, reset the time and return the crown to its normal position.

Chronograph minute hand

Chronograph minute hand

Hour hand

Chronograph hour hand

Chronograph second hand

Second hand or 1/20 chronograph hand

Minute hand

24 hour hand

Button A

1st click position

2nd click position

Normal crown position

Button B

Calendar

0SA4

Setting the time:

1. Pull the crown out to the 2nd Click Position so that the second hand stops at ZERO position.

2. Turn the crown to set hour and minute hands.

3. When the crown is pushed back to the normal position in synchronization with a time signal, small second hand begins to run.

Setting the Date:

This chronograph is able to measure and display time in 1/20(1/1) second united up to max 4 hrs 59 min 59 sec. The retrograde chronograph 1/20(1/1) second hand keeps continuously for 60 seconds after starting, and then stops at ZERO position.

Using the Chronograph

This chronograph is able to measure and display time in 1/20(1/1) second united up to max 4 hrs 59 min 59 sec.
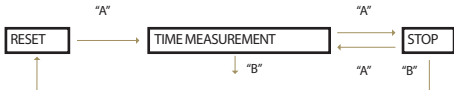
The retrograde chronograph 1/20(1/1) second hand keeps continuously for 60 seconds after starting, and then stops at ZERO position.

0SA4 Operating Instructions (Chronograph)

Measuring time with the chronograph

1. Press button "B" to change the watch to the chronograph mode. The second hand stops at the ZERO second position, and changes to the chronograph 1/20(1/1) second hand.

2. The chronograph can be started and stopped each time button "A" is pressed. The chronograph 1/20(1/1) second hand stops at the ZERO second position 60 seconds after starting, When button "A" is pressed to stop the chronograph, the chronograph 1/20(1/1) second hand advances rapidly to display the measured time.

3. Pressing button "B" resets the chronograph and all hands return to their ZERO positions.

* Moving of the retrograde chronograph is a demo Actual measurement will be shown when it stopped / STOP button is pushed.

Setting the time:

1. Pull the crown out to the 2nd Click Position so that the second hand stops at ZERO position.

2. Turn the crown to set hour and minute hands.

3. When the crown is pushed back to the normal position in synchronization with a time signal, small second hand begins to run.

Setting the Date:

This chronograph is able to measure and display time in 1/20(1/1) second united up to max 4 hrs 59 min 59 sec. The retrograde chronograph 1/20(1/1) second hand keeps continuously for 60 seconds after starting, and then stops at ZERO position.

Using the Chronograph

This chronograph is able to measure and display time in 1/20(1/1) second united up to max 4 hrs 59 min 59 sec.

The retrograde chronograph 1/20(1/1) second hand keeps continuously for 60 seconds after starting, and then stops at ZERO position.

LIGHT (Button A) ———— ⬭ ———— (Button D) START
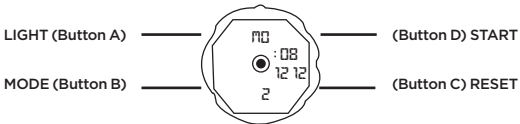
MODE (Button B) ———— ⬭ ———— (Button C) RESET

1. 10 digits to display hour, minute, second, date, month, the day of week.

2. 12 hour/24 hour format selectable.

3. Daily Alarm and Hourly Time Signal.

4. Stopwatch.

5. EL Backlight.

76

PRODUCT FUNCTION MODES

| MO 08 12 12 2 | **Button B** → | AL 1:00 | **Button B** → | ST 00 0000 2 | **Button B** → | MO 08 12 12 2 |

In any mode, EL backlight illuminates for 3 seconds by pressing A.

In the timekeeping Mode, press D to toggle the time format between 12-hour and 24-hour. It is 24-hour format if indicator of '24H' appears on the screen.

ALARM

In the alarm mode, press D button to turn on/off Alarm and Hourly Time Signal. Following indicators display on the screen when Alarm or Hourly Time Signal is turned on:

Alarm indicator (🔊), or both of them (🔊 ♪) display on the screen if they are turned on at the same time.

If alarm is turned on, once the preset time is reached, the alarm tone sounds for 20 seconds with alarm indicator (🔊) flashes. To stop alarm tone after it starts to sound, please press B, C or D button.

You can also turn on an Hourly Time Signal that causes the watch to beep every hour on the hour.

Alarm setting: In the alarm mode, press C button until 'hour' digits start to flash,

Alarm

which indicates alarm time setting screen, then press D button to adjust hour values, hold down D button for some time to quickly adjust it. Press C button again 'minute' digits start to flash, then you also need to press D button to adjust minute values, and hold down D button for some time to quickly adjust minute values. After this, please press C button to exit alarm time setting screen.

In setting mode, the watch will automatically exit from setting screen if you do not press any button within 90 seconds.

STOPWATCH

The display range of the stopwatch is 59 minutes, 59.99 seconds.

To measure times with stopwatch: In the Stopwatch Mode, you can press D button to start counting and press D button again to stop counting. Press C button to reset when Stopwatch stops Counting.

To measuere with split time: in the Stopwatch Mode, press D button to start counting, and press C button to enter split time. Then press C button again to exit split time in the process of splitting time, you can press D button to stop counting. At this time, press C button to display all times of stopwatch and press C once again to reset.

The stopwatch continues to run, restarting from zero after it reaches its limit, until you stop it.

Press B button to display other function modes when stopwatch is running. However, stopwatch continues running in the background.

Stopwatch

Elapsed Time

Button D $\longrightarrow$ Button D $\longrightarrow$ Button D $\longrightarrow$ Button D $\longrightarrow$ Button C

start — stop — restart — stop — clear

Split Time

Button D $\longrightarrow$ Button C $\longrightarrow$ Button C $\longrightarrow$ Button D $\longrightarrow$ Button C

start — split — split release — stop — clear

Two Finishes

Button D $\longrightarrow$ Button C $\longrightarrow$ Button D $\longrightarrow$ Button C $\longrightarrow$ Button C

start — split first runner finishes — split second runner finishes — split release display time of second — clear

Chronograph Reset (Incl. After Replacing Battery)

This procedure should be performed when the chronograph second hand and chronograph 1/20(1/1) second hand do not return to the ZERO second position after the chronograph has been reset, and including after the battery has been replaced.

1. Pull the crown out to the 2nd Click Position.
2. Press button "A" to set the chronograph second hand to the ZERO position.
3. Press button "B" to set the chronograph 1/20 second hand to ZERO position.
The chronograph hands can be advanced rapidly by continuously pressing button "A" or "B".
4. Once the hands have been zeroed, reset the time and return the crown to its normal position.
5. Press button "B" to check that the chronograph hands are reset to the ZERO position.
* Do not return crown to the normal position while chronograph second hand and 1/20 chronograph second hand return to ZERO position.
Each hands stop on the way when crown are returned to normal position and these positions are recognized as ZERO position.